

PATENTS
Attorney Docket No. MNM/002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants : Michael W. Pantoliano et al.
Application No. : 10/659,000 Confirmation No. : 4943
Filing Date : September 9, 2003
For : CRYSTAL STRUCTURE OF ANGIOTENSIN-
CONVERTING ENZYME-RELATED CARBOXYPEPTIDASE
Group Art Unit : 1645
Examiner : Not yet assigned

New York, New York
November 9, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**TRANSMITTAL LETTER FOR
INFORMATION DISCLOSURE STATEMENT**

Sir:

Transmitted herewith are an Information Disclosure
Statement, Form PTO-1449, and copies of references cited therein
in the above-identified application. This Statement is
submitted:

- ☐ [] within three months of the application filing date;
- ☒ [X] more than three months from the application filing date but before the mailing date of the first Office Action on the merits.

In accordance with 37 C.F.R. § 1.97, submission of this Statement requires no fee. However, if for any reason a fee is due, the Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account No. 06-1075. A duplicate copy of this letter is transmitted herewith.

Respectfully submitted,

Michele A. Kercher

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Whereby certify that this
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Addressed for
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P.O. Box 1450
Alexandria, VA 22313-1450 on

September 9, 2004
Claire J. Sainvil van Goodman

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Signature of Person Signing



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Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants
make the following references of record in the above-
identified patent application:¹

¹ Applicants submit herewith Form PTO-1449, with the references listed therein. Applicants also provide copies of these references herewith.

References

- Arndt et al., "Crystal Structure of a Novel Carboxypeptidase from the Hyperthermophilic Archaeon *Pyrococcus furiosus*," *Structure* 10:215-224 (2002).
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Teague, "Implications of Protein Flexibility for Drug Discovery," *Nature Rev. Drug Discovery* 2:527-541 (2003).

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Vickers et al., "Hydrolysis of Biological Peptides by Human Angiotensin-Converting Enzyme-Related Carboxypeptidase," *J. Biol. Chem.* 277:14838-14843 (2002).

Williams et al., "Identification of Two Active Site Residues in Human Angiotensin I-Converting Enzyme," *J. Biol. Chem.* 269:29430-29434 (1994).

Zhang et al., "Collectrin, a Collecting Duct-Specific Transmembrane Glycoprotein, Is a Novel Homolog of ACE2 and Is Developmentally Regulated in Embryonic Kidneys," *J. Biol. Chem.* 276:17132-17139 (2001).

Applicants respectfully request that the above-cited documents be (1) fully considered by the Examiner during the course of the examination of this application and (2) printed on any patent issuing from this application. Applicants also request that a copy of the enclosed Form PTO-1449, duly

initialed by the Examiner, be forwarded to the undersigned with the next official communication.

Applicants request favorable action in this application.

Respectfully submitted,

Michele A. Kercher

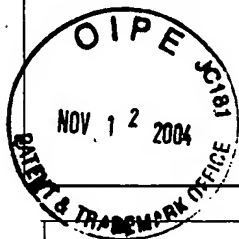
James F. Haley, Jr. (Reg. No. 27,794)
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I hereby certify that this
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P.O. Box 1450
Alexandria, VA 22313-1450 on

November 9, 2004
Claire J. Saint-van Goodman

[Signature]
Signature of Person Signing

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MNM/002APPLN. NO.
10/659,000INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANTS
Michael W. Pantoliano et al.CONFIRMATION NO.
4943FILING DATE
September 9, 2003GROUP
1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Arndt et al., "Crystal Structure of a Novel Carboxypeptidase from the Hyperthermophilic Archaeon <i>Pyrococcus furiosus</i> ," <i>Structure</i> 10:215-224 (2002).
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